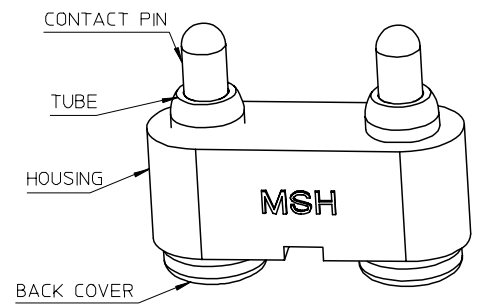


RECOMMEND PCB LAYOUT  
COMPONENT SIDE



NOTES:

- 1 MATERIAL:
  - 1-1 CONTACT PIN, TUBE, BACK COVER : BRASS
  - 1-2 SPRING : STAINLESS-STEEL WIRE
  - 1-3 HOUSING : NYLON 46 UL 94-V0, BLACK
- 2 FINISH:
  - 2-1 CONTACT PIN : OVERALL 1.04μm MIN. GOLD OVER 3~54μm NICKEL
  - 2-2 SOLDER TERMINAL(BACK COVER) : OVERALL 0.05~0.34μm GOLD OVER 2~44μm NICKEL
- 3 PRODUCT SPECIFICATION: PS-47119-001
- 4 MECHANICAL SPECIFICATION:
  - 4-1 CONTACT FORCE AT WORKING HEIGHT OF 4.60mm (PER CONTACT) : 63±15g
  - CONTACT FORCE AT WORKING HEIGHT OF 4.32mm (PER CONTACT) : 75±15g
  - CONTACT FORCE AT WORKING HEIGHT OF 4.00mm (PER CONTACT) : 92±15g
  - 4-2 DURABILITY MATED 10,000 TIMES AND STILL MEET MECHANICAL CHARACTERISTICS
- 5 ELECTRICAL SPECIFICATION:
  - 5-1 RATED VOLTAGE (PER CONTACT) : 12 VOLTS MAX.
  - 5-2 RATED CURRENT (PER CONTACT) : 2 AMPS MAX.
  - 5-3 CONTACT RESISTANCE: 25 MILLIOHMS MAX.

CHANGE PLATING SPEC.	2005/10/17
EC NO:	
DRWN: XJU	
CHKD:	
APPR:	
D	
REV	

QUALITY SYMBOLS	▽=0	▽=2
DESCRIPTION		

GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±0.15	±---
1 PLACE	±---	±---
ANGULAR ±1/2°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM ONLY		10:1	METRIC	
DRAWN BY	DATE	TITLE		
XU XIANG	2005-04-20	2 PIN POGO PIN CONNECTOR		
CHECKED BY	DATE	MOLEX INCORPORATED		
Y. J WU	2005-04-20	MATERIAL NO. 471190001		
APPROVED BY	DATE	DOCUMENT NO. SD-47119-001		
VINCENT	2005-04-20	SHEET NO. 1 OF 1		

MOLEX INCORPORATED	
MATERIAL NO.	471190001
DOCUMENT NO.	SD-47119-001
SHEET NO. 1 OF 1	
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